ABSTRACT

There is provided an industrial production method of an aminopyrrolidine derivative having chemokine receptor antagonist activity represented by the following formula, a synthetic intermediate thereof and a production method thereof:

$$R^{16}$$
 R^{15}
 R^{17}
 R^{14}
 R^{16}
 R^{15}
 R^{16}
 R^{16}
 R^{15}
 R^{16}
 R^{16}
 R^{16}
 R^{15}
 R^{16}
 R^{16}
 R^{17}
 R^{19}
 R^{19}

wherein R^{11} is H, C_1 – C_6 alkyl or C_2 – C_7 alkanoyl; R^{12} , R^{14} , R^{15} , R^{16} and R^{17} are H, halogen, optionally halogenated C_1 – C_6 alkyl, optionally halogenated C_1 – C_6 alkoxy, hydroxyl or C_2 – C_7 alkoxycarbonyl; R^{23} , R^{24} , R^{25} and R^{26} are H, halogen, optionally halogenated C_1 – C_6 alkyl, optionally halogenated C_1 – C_6 alkoxy or hydroxyl; and R^3 is H or C_1 – C_6 alkyl.